



Woodgrain Finish Guide



Overview - Woodgrain Finishes

A NEW WAVE OF ARCHITECTURAL VERSATILITY

In an effort to expand our marketability, Nailor offers a new process as an alternative to conventional finishes, allowing us the opportunity to integrate high end materials into today's building and design. Woodgrain finishes offer a cosmetically appealing, environmentally friendly solution for many Nailor Air Distribution products such as Architectural Square Plaque Ceiling Diffusers, Linear Bar Grilles and Slot Diffusers, Flowline, Displacement and UFAD Diffusers, as well as Vertical Hi-Rise Fan Coil Unit supply grilles and return panels and exposed cabinet Vertical Floor Fan Coil Units.

Woodgrain finishes can be applied to extrusions in any length and to most flat steel or aluminum panels and cabinets. Ideally suited for applications where architects prefer not to see the HVAC equipment, the finishes blend beautifully with wood floors, ceilings or panels, offering a very congenial, sophisticated appearance.

These highly durable products are easy to clean, scratch and chip resistant and do not require the high maintenance upkeep of real wood. They can be used for interior, exterior and high traffic architectural applications, offering high resistance toward all atmospheric agents and are resistant to heat, acids, humidity, salt, detergents and UV.

Available in a broad range of color selections, the standard is a textured finish which closely resembles "real wood" or an optional smooth coating finish that is glossy and shiny. Unlike any other finish in our industry, woodgrain redefines beauty and elegance.



Standard finish is textured.
*Also available in a smooth gloss finish.



American Nut **WG01**



American Oak **WG02**



American Walnut **WG03**



Barnwood **WG04**



Black Walnut **WG05**



Cherry **WG06**



Cinnamon Red **WG07**



Cordoba Cherry **WG08**



Dark Knotty Pine **WG09**



Dark National Walnut **WG10**



English Walnut* **WG11**



Fine Wenge **WG12**



Fonthill **WG13**



Honey Cherry **WG14**



Lighter Maple **WG15**



Light National Walnut **WG16**



Mahogany 1406 **WG17**



Maple **WG18**



Mediterranean **WG19**



Oak **WG20**



Rustic Cherry **WG21**



Straight Cherry **WG22**



Table Walnut **WG23**



Wide Grain **WG24**



ARCHITECTURAL SQUARE PLAQUE DIFFUSERS
(Models: UNI, AUNI, UNI2, AUNI2, UNI-PD)

VERTICAL HI-RISE FAN COIL UNITS
(Model Series: 39VH and 39L)

VERTICAL FLOOR FAN COIL UNITS,
EXPOSED CABINET
(Model: 41VX)



Rustic Cherry



Mahogany 1406



UNDERFLOOR AIR DISTRIBUTION
(Model: ANFD)



Dark Knotty Pine

LINEAR BAR GRILLES
(Models: 49-240, 49-241, 49-243,
49-280, 49-281, 49-480, 49-481)



American Walnut



LINEAR SLOT DIFFUSERS
(Models: 5050, 5075, 5010, 5015, 5050R, 5075R, 5010R, 5015R)



Barnwood



6318

HOW DOES IT WORK?

PREPARATION

Pretreatment is the initial step in the preparation process, in which the raw, unfinished product undergoes a 5 stage wash system, allowing for greater adhesion of the powder during the heat transfer.

COATING

Next, the product is coated with a 2.5 mils layer of nonhazardous dry powder paint that is applied electrostatically. It is then cured under a temperature of 400° F for several minutes, creating a strong base coat for the final product, adding durability and protection from light, weather, abrasion, corrosion and humidity. After cooling down from coating, the product is then wrapped with a preprinted transfer film consisting of organic photosensitive pigments and cellulose resin. Air is vacuumed from the inside in order to make the film fully adhere to the product. The film-wrapped product is then moved to a special oven where the sublimation process occurs (the ink pigments used will turn from a solid to gas and are transferred from the film into the coating layer of the object). Finally, the product is taken out of the oven and the transfer film is removed.

DECORATION

The result is a beautifully decorated workpiece so natural looking, you have to touch it to tell the difference between real wood.

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Woodgrain finishes may vary slightly from the samples shown. Contact your Nailor representative for a woodgrain sample chip. Woodgrain coatings are corrosion resistant to 3000 hours in salt spray test with a pencil hardness of R.